

FA-LOFC-ADSS-3.0-144xA1-12x12J-CC2
ADSS OVERHEAD FIBER OPTIC CABLES
[Preview photo](#)

ADSS overhead fiber optic cable 144F G.657A1 3000N black FCA

FCA

ADSS overhead fibre optic cables are fully dielectric and self-supporting telecommunications network elements, with a lightweight multi-tube construction, designed for installation on new or existing pole infrastructure. The cable's outer sheath provides resistance to UV radiation, moisture and mechanical damage. The indisputable advantage of using ADSS overhead fibre optic cables is the ease of expansion, the ability to reach any customer and the speed of repairing any faults.



Application

- teletechnical ducting
- self-supporting cable

Main features

- central FRP fiberglass strength element
- fully dielectric cable
- peripheral strength elements in the form of aramid fibers
- UV-resistant
- can be installed in teletechnical ducting
- can be suspended
- HDPE outer sheath

Standards and certificates

- PN-EN 60793
- PN-EN 60794-1

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Specification

Attribute	Value
Brand	FCA
Sheath colour	black
Fiber type	G.657A1
tube colour	CC2
Cable shape	round
Number of fibres	144
Outer sheath	HDPE
Number of fibres in the tube	12
Operating temperature	-30 °C o +70 °C
Installation temperature	-10 °C to +60 °C
Storage temperature	-10 °C to +60 °C
Minimum bending radius - static	20xD
Central reinforcing element	FRP
Minimum bending radius - dynamic	10xD
Network Type	access, metro, backbone

SAG	1,5-2,11 %
Number of ripcords	2
Attenuation at 1310nm	≤0,36 dB/km
Attenuation at 1550nm	≤0,22 dB/km
Crush strength	2200 N
Weight	170 kg
Ø	2,3 mm
Tensile strength	3000 N
Cable diameter	15 mm
Span NESC HEAVY	50 m
Span NESC LIGHT	90 m
Span NESC MEDIUM	70 m
UV resistance	YES

Configuration

Product code	Product name
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